

ABOUT VELLORE INSTITUTE OF TECHNOLOGY

Vellore Institute of Technology (VIT) was founded in 1984 and attracts students from various parts of the world because of its academic excellence. The credentials of VIT in academics and research have placed Engineering and Technology: 212th best in the World and 9th best in India (QS World University Rankings by Subject 2024) 10th best University, 13th best research institution and 11th best engineering institution in India (NIRF Ranking, Govt. of India 2024) 6th in India and 687th in the world (US News 2024) The world ranking body namely the QS has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the "Excellence in Faculty". VIT has completed 4 cycles of NAAC accreditation and has been rated as "A++" grade (3.66 out of 4) institution. VIT has introduced many innovations in academic processes such as FFCS (Fully Flexible Credit System), PBL (Project Based Learning) which adds value to every student for better learning. Fully digitalized academic portals and library access assists the students in equipping themselves for 2023 marketplace. Hack-a-thon, Make-a-thon, Math- a- thon, Stat-a-thon as part of curriculum exercise which kindles the interest and the curiosity of students, which motivates them to be better problem solvers, last module in every subject being handled by the industrial experts, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced in their learning system.

ABOUT THE SCHOOL OF ADVANCED SCIENCES

School of Advanced Sciences, VIT consists of Mathematics, Physics and Chemistry departments. The school offers M.Sc. and Ph.D. programmes in all the three disciplines. The

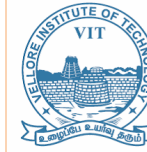
school comprises qualified and research-oriented faculty members whose expertise is in the frontier areas in sciences. Faculty members of SAS have received national and internationally recognized funded projects to the tune of 10 cores on-going projects in SAS. Several research projects of the school are financially supported by some of the leading funding agencies such as NBHM, UGC, CSIR, DRDO, DST, DBT, and others.

ABOUT THE DEPARTMENT OF MATHEMATICS

The Department of Mathematics at VIT, Vellore, holds a prominent position in the academic landscape: earning a QS World Subject Ranking of 201-250 in 2024, and ranking 7 - 9th within India. Recently, the department secured project funding from DST- FIST, further enhancing its research capabilities. The faculty's areas of expertise span a wide spectrum, including algebra, analysis, differential equations, applied mathematics, optimization techniques, statistics, data science, theoretical physics, and computational sciences. The department offers Ph.D. programmes in Mathematics, Statistics and Data Science in addition to M.Sc. (Data Science), M.Sc. (Business Statistics), Integrated M.Sc. (Computational Statistics and Data Analytics) and Integrated M.Sc. (Mathematics) programmes.

ABOUT THIS COURSE

The present value added program aims to highlight the recent developments in a variety of Business problems in Payroll, Depreciation, Annuity etc. This course is expected to provide a basic understanding of important quantitative tools and their elementary application to business problems. **This course is designed to provide the prospective users of financial supporting information, an understanding of fundamentals in Business".** Another notable aspect of this course is to introduce business problems using Mathematical concept to address the real- world problems.



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Value Added Program
On

**Business Mathematics for
Management**

February 9th, 16th
and March 2nd and 9th
2025

Organized by

**DEPARTMENT OF MATHEMATICS SCHOOL
OF ADVANCED SCIENCES VELLORE
INSTITUTE OF TECHNOLOGY VELLORE –
632014**

Coordinators

**Dr. K.THILAGAVATHI
Dr. N.SHOBANADEVI**



VIT – A Place to Learn; A Chance to Grow

ORGANIZING COMMITTEE

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Dean, SAS

Convener

Dr. M. S. Jagadeesh kumar

HoD, Department of Mathematics

Coordinators:

Dr. K.Thilagavathi

Associate Professor,

Department of Mathematics

Dr. N.Shobanadevi

Assistant Professor (Senior)

Department of Mathematics

Topics to be covered

Introduction to Business Mathematics

Pay-Roll

Depreciation

Annuities

Stocks and Shares

Discount on bills

Matrices

Differentiation

REGISTRATION DETAILS

Participants are requested to register through online by paying the required registration fees (non-refundable) using the below link.

Registration Link: <https://events.vit.ac.in/>

IMPORTANT DATES

Last Date for Registration: 8th Feb 2025

Workshop Date: February 9, 16 and March 2, 9 - 2025

Registration Fee Details: Rs.250/- ((Inclusive of GST)

Venue: TT513.

Course certificate will be awarded on successful completion of course. For registered students the certificate of participation may be considered for additional learning. Participant confirmation will be on first come first serve basis.

TARGET AUDIENCE: Students of any UG Degree

CONTACT DETAILS

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RESOURCE PERSONS:

Dr. K. THILAGAVATHI, SAS, VIT, Vellore



Dr. N. SHOBANADEV I, SAS, VIT, Vellore



1. Selection will be made purely on First Come First Serve Basis and Eligibility. (Subject to fulfilling of the seats available).

2. Maximum fifty (50) participants will be accommodated in the course. The Brochure and the Registration Form may be downloaded from the Institute website www.vit.ac.in

